

**ABSTRACT**

A microwave oven includes a magnetron to generate microwaves and a cooking chamber to contain food to be cooked using the generated microwaves. The microwave oven further includes a humidity detector to detect moisture formed from the food being cooked. The humidity detector is provided at air outlets of the cooking chamber, and includes first and second electrodes formed on a board to be spaced apart from each other at a predetermined interval to form a gap therebetween. The control unit of the microwave oven controls the cooking operation of the microwave oven according to the output of the humidity detector.